

**JOINT LEGISLATIVE OVERSIGHT COMMITTEE
ON HEALTH AND HUMAN SERVICES**



**Vital Records Electronic Death
Registration System (EDRS)**

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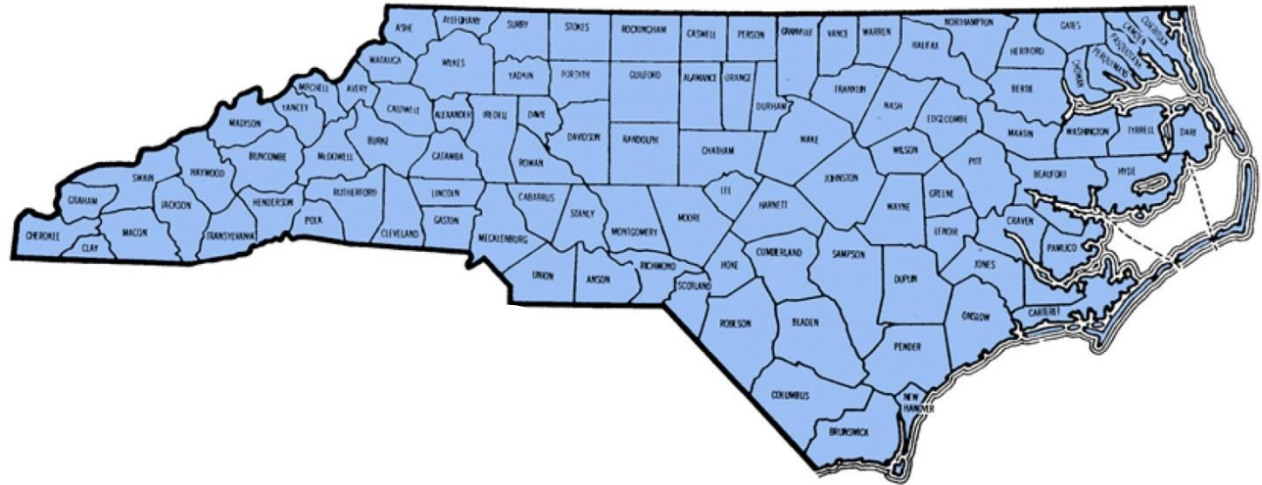
North Carolina Vital Records



Celebrating 101 Years of Service, October 2014

- **Collect, register and manage vital records for N.C. births, deaths, fetal deaths, marriages and divorces**
- **Issue and amend applicable certificates**
- **Provide security and fraud protection, and permanent vital records preservation**
- **Respond to law enforcement and other agencies' requests**
- **Provide data to federal and state agencies**

Electronic Birth Registration System (EBRS)

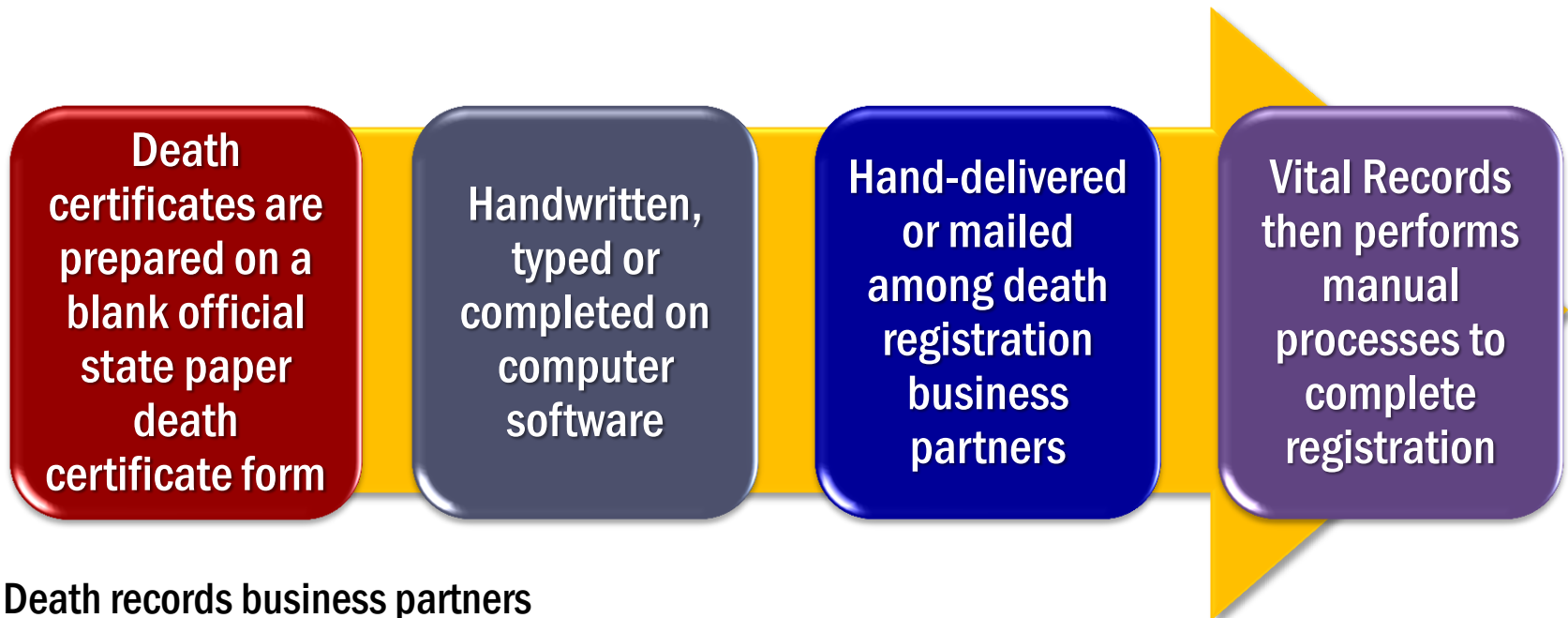


**Every hospital, birth facility and health department
in all 100 North Carolina counties uses EBRS
to register 100% of births and fetal deaths
that occur within the state**

Current NC Death Registration



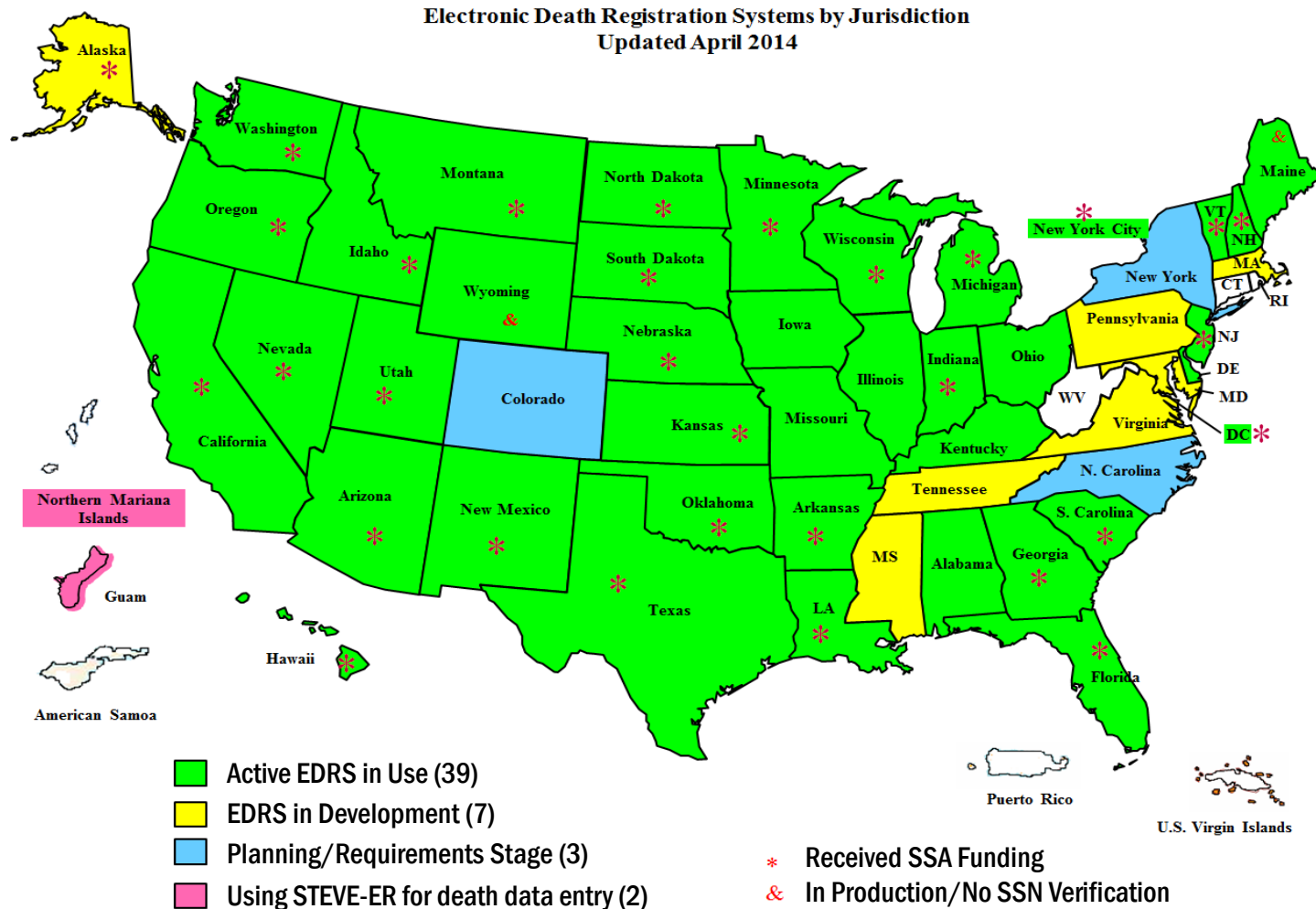
- 84-year old system, registering 83,000 NC deaths each year
- 60 to 90 days to register a death and report death data



Death records business partners

- Funeral Directors
- Medical Examiners
- Health Care Facilities
- Certifying Physicians, Physician Assistants, Nurse Practitioners
- Local Health Departments
- NC Vital Records

NC is one of only 6 states that does not have an Electronic Death Registration System (EDRS)



EDRS Advantages



EDRS will accelerate processing
to register a death and report death data
from 60-90 days to 0-7 days

- Provide death certificates faster to settle estate and legal matters
- Meet federal timelines to maximize data submission revenue
 - Increase Social Security Administration death data revenue (~\$190k/year)
 - Avoid potential federal revenue loss due to missed timelines (~\$50k/year)
 - Enable redirection of Vital Records resources (\$140k/year)
- Secure personal death data to prevent identity theft and fraud
- Faster identification and response to potential health threats

Vital Records EDRS Actions to Date



- Developed 1,426 NC-specific EDRS business requirements using national EDRS guidelines
- Reviewed multiple states' systems and conducted in-depth review of Michigan's EDRS for NC use
- Released and evaluated a Request for Information to assess potential vendor products suitable for NC
- Developed EDRS business case and estimates for custom or off-the-shelf options
- Submitted budget expansion request to support EDRS development and implementation

EDRS Cost Estimates: 2 Approaches



COST ESTIMATES			
	1-Time Development	Recurring O&M	Timeline
In-House Development	\$5,483,092	\$557,160	4-year effort
Commercial Off-the-Shelf (COTS)	\$5,881,889	\$426,904*	3-year effort

* COTS recurring O&M will decrease to \$412,644 after the first year

DHHS recommends a COTS solution for EDRS implementation project

- Industry SME
- Lower maintenance costs
- Shorter timeline to implementation
- Take advantage of lessons learned by vendor in other states